LIBRARY
MINISTRY OF HEALTH LIBRARY

CITY OF HEREFORD

1941

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

and of the

SCHOOL MEDICAL OFFICER

by

E. DUNBAR TOWNROE,
M.R.C.S., L.R.C.P., D.P.H.

MEDICAL OFFICER OF HEALTH;

MEDICAL OFFICER TO THE MATERNITY AND CHILD WELFARE CENTRE,

and

SCHOOL MEDICAL OFFICER.

HEALTH COMMITTEE:

Councillor H.P. BARNSLEY, Mayor.

Councillor T. LINDSEY PRICE, Chairman.

Alderman MRS. LUARD, O.B.E., Deputy Chairman.

Alderman R.C. MONKLEY,

Councillor J.H.E. CREES, Lit.D. Councillor G.F.C.HIGGINBOTHAM.

Councillor J. VINCENT SHAW, M.B., Ch.B.

MATERNITY AND CHILD WELFARE SUB-COMMITTEE:

Councillor H.P. BARNSLEY, Mayor,

Councillor T. LINDSEY PRICE, Chairman.

MEMBERS OF THE HEALTH COMMITTEE, with Mesdames W. AINSLIE, W.G.C.BRITTEN and H.T. FISH.

HOUSING ACTS COMMITTEE:

Councillor H.P. BARNSLEY, Mayor.

Alderman F.W. ALLCOCK, Chairman.

Councillor W.G. GREEN, Deputy Chairman.

Alderman MRS. LUARD, O.B.E.,

Councillor BIGGS. Councillor HUDSON DAVIES.

Councillor T. LINDSEY PRICE.

T. B. FELTHAM, Town Clerk.

PUBLIC HEALTH DEPARTMENT,
TOWN HALL ANNEXE,

To the Right Worshipful the Mayor,
Aldermen and Councillors of the City of Hereford.

I have the honour to submit the Annual Health Report for 1941.

The report is in an abbreviated form as required by the Central Authorities.

By the death of Mr.Sidney Protheroe, Chief Sanitary Inspector, the Department lost the services of one who, after 43 years' service in the interests of the Corporation, will be greatly missed. His knowledge of men and affairs, his kindliness and tact and judgement had earned the respect of all of his colleagues.

The general health of the population remains good and there has been no serious epidemic. Diphtheria alone shows an increase. During the year 1941, there was an increase of 87 cases of this disease over the previous year. Moreover the absence of parents on war work with a consequent lack of supervision in the home, has resulted in the disease reaching, in many cases, an advanced stage before being seen by the medical attendant. Only two cases have been admitted to the City Isolation Hospital with a history of previous immunisation - in neither case was the immunisation carried out by this department and it is doubtful if the immunisation was ever completed in one of these cases. Feeling as I do that personal explanation and persuasion are far more valuable than printed instructions in the matter, the efforts of Health Visitors in their house to house visitations and the co-operation of School Teachers have been enlisted in our campaign on behalf of immunisation. The result has been satisfactory, an increase of 40% in the number of immunisations over the previous year having been obtained, with a consequent increase in the number of sessions.

War-Time Nurseries.

The first War-Time Nursery has been opened at the Bishop's Palace and is functioning satisfactorily. A second Nursery is likely to be opened at the Ladies Training College in the near future whilst two more are contemplated at an early date at St. Martins and Whitecross. The urgent necessity and value of these nurseries has been established and they are likely to be a permanency in the public services of this country.

- continued -

There is little evidence of undernourishment amongst the children attending the clinics, though evidence of malnutrition is not rare. If there has been any curtailment of variety in the food of the nation, the quality of the diet is undoubtedly altering for the better, particularly with the introduction of the wholemeal bread.

I am,

Your obedient Servant,

E. DUNBAR TOWNROE, M.R.C.S., L.R.C.P., D.P.H.,
Medical Officer of Health,
School Medical Officer.

GENERAL PROVISION OF HEALTH SERVICE FOR THE AREA.
PUBLIC HEALTH SERVICES OF THE AUTHORITY.

MEDICAL.

Name & Qualifications.	Office Held.	Whole or Part.	Other Public Office.
E.Dunbar Townroe, M.R.C.S., L.R.C.P., D.P.H.	Medical Officer of Health.	Part.	School Medical Officer. Police Surgeon, Medical Attendant, City Isolation Hospital.
H.Ward-Smith, M.B. Ch.B.	Physician, Ante-Natal Clinic.	Part.	
Wm.Ainslie, M.D., F.R.C.S., Ed.	Consulting Gynaecologist	Part.	
OTHERS.			
W.T.Rigby, F.I.C.	City Public Analyst (Deceased)	Part.	
F.D.G.Chalmers, M.A., B.Sc., F.I.C.	-do- Appointed 31/3/41	Part	
J.Leach, Cert.R.S.I., M.S.I.A.	Chief Sanitary Inspector, Appointed 31/10/41	Whole	
S.Protheroe, Cert. R.S.I. M.S.I.A.,	Chief Sanitary Inspector (Deceased)		
Miss M.M.Scourfield, Cert. C.M.B.	Senior Health Visitor.	Part.	

CITY OF HEREFORD.

1941.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area	5,031 acres.
Registrar-General's Estimate of Resident Population, for calculation of Birth and Death Rate	31,590.
Number of Inhabited Houses	7,712.
Rateable Value	£226,321.
Sum represented by a penny rate	£940.

VITAL STATISTICS.

	Total	Males.	Females.
Live Births - Legitimate:	526.	237.	243.
Illegitimate	46.	26.	20.
Birth Rate per 1,000 of the estimated resident population:			16.6.
Still Births.	27	18	9.
Rate per 1,000 total (live and still) births:			48.8.
Deaths.	428	213	215.
Death Rate per 1,000 of the estimated resident population:			13.6
Death Rate of Infants under one year of age:- All Infants per 1,000 live births.			60.7.
Legitimate Infants per 1,000 legitimate live births:-			55.7
Illegitimate Infants per 1,000 illegitimate live births:-			5.0
Deaths from Cancer (all ages)			64
" " Whooping Cough (all ages)			2
" " Diarrhoea (under 2 years)			3

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

There have been no developments or changes during the year in the following services:

LABORATORY FACILITIES.
AMBULANCE FACILITIES.
NURSING IN THE HOME.

During the year, FOLLY HOUSE, FOLLY LANE, HEREFORD, was used as an emergency Infectious Disease Hospital.

MATERNITY AND CHILD WELFARE.

MIDWIVES:-

MATERNAL MORTALITY:- 2.

PUERPERAL MORBIDITY:- There were 8 cases of Puerperal Pyrexia.

OBSTETRIC CONSULTANT:- Mr. William Ainslie, F.R.C.S.E., attended 51 Maternity cases in the year.

VISITS TO HOMES OF INFANTS BY HEALTH VISITORS.

First visits.	471.
Second visits	305.
Third visits	293.
Fourth visits.	218.
Fifth and subsequent visits.	101.
TOTAL:	1388.

Visits to infants between 1 & 5 years:	2895.
Visits to expectant mothers:	
First visits	350
Total visits	624.

INFANT FEEDING.

At 436 'Birth' visits it was found that 318 (72.9%) were entirely breast-fed and 83 (27%) were bottle fed.

4379 lbs. of dried milk were issued at cost price for infant feeding.

MATERNITY AND CHILD WELFARE CENTRE.

837 mothers made 8098 attendances; 65 of the mothers came from the Rural District.

Children under 1 year made 5813 attendances, and between 1 and 5 years, 2551 attendances. 186 children made 937 attendances at the Toddlers' Clinic.

29 children under 1 year made 147 attendances and 109 children over 1 year made 561 attendances for treatment at the Minor Ailment Clinic.

ANTE NATAL CLINIC.

358 expectant mothers made 1214 attendances. Of these, 30 were from the Rural District.

- continued -

MATERNITY AND CHILD WELFARE (continued)

DENTAL TREATMENT.

149 mothers and 41 children under 5 years were treated.

CHILD LIFE PROTECTION.

On register at 31st December 1940	8
Remaining on register at 31st December 1941	8
Foster mothers at 31st December 1941	8

NOTIFICATION OF BIRTHS.

Live births notified	799
Still births notified	32.
Total.	831.

109 notifications were transferred out to other M. & C.W.Areas.

REGISTRATION OF BIRTHS.

The number of live births registered in the City were 526 (263 males and 263 females), equal to a Birth Rate of 16.6 of population. The Birth Rate for England and Wales was 14.2

Of the 526 live births, 46, (26 males and 20 females) were illegitimate. There were 27 Still Births, 1 of which was illegitimate.

INFANTILE MORTALITY. 39 infants died before reaching the age of 12 months. All were legitimate births. The Infantile Mortality Rate per 1,000 live births was 60.7. The Infantile Mortality Rate for England and Wales was 59.
The causes of death were:

Cause.	Males.	Females.
Broncho Pneumonia	5.	4.
Malformation	9.	7.
Prematurity	4.	3.
Gastro-enteritis	1.	2.
Bronchitis.	1.	1.
Whooping Cough.	1.	1.
	21.	18.

SANITARY CIRCUMSTANCES IN THE AREA.

WATER SUPPLY.

Corporation Waterworks.

Considerable extensions are still being carried out at the works and supplies have been afforded to a number of points in the City. Samples are collected and submitted to the Public Analyst weekly.

- continued -

SANITARY CIRCUMSTANCES IN THE AREA (continued)

WELL WATER.

At the end of the year, 22 houses were supplied by 16 wells.

Samples from 5 industrial premises were submitted to the County & City Laboratory for bacteriological and chemical examination and were reported satisfactory for use in case of emergency. Samples from one other premises proved unsuitable for domestic purposes.

DRAINAGE & SEWERAGE.

Surface water drainage schemes have been improved and extended at the following:

Holme Lacy Road (Ross Road - Hoarwithy Road)
Grandstand Road.

The foul sewer in Edgar Street has been reconditioned and improved. There has been considerable development in connection with works carried out by bodies other than the Corporation.

RIVERS & STREAMS.

No instances of pollution of the River Wye and the various streams passing through the area were reported during the year.

CLOSET ACCOMMODATION.

During the year, 3 pail closets have been converted to the water carriage system and connected to the public sewers and 1 pail closet converted and connected to a septic tank. Two other pail closets were abolished owing to the houses being unfit for human habitation and becoming void.

There are still 76 houses on the conservancy system, all of which are outside the public sewerage system.

PUBLIC CLEANSING.

Refuse collection and disposal is done by motor vehicles and destruction. An energetic and constant salvage of what were formerly waste materials was maintained.

- continued -

SANITARY INSPECTION OF THE AREA.

The number and nature of inspections and visits made by the staff of the Health Department during the year were as follows:

Nuisances and work in progress	450
Re Ashbins	14
Housing Act	125.
Overcrowding	6.
Tents and Vans	7.
Infectious Disease	258.
Factories Act	39.
Outworkers.	27.
Bakehouses	44.
Food Preparing Places	67.
Unsound Food.	135.
Ice Cream Premises	5.
Merchandise Marks Act	250.
Dairies, Cowsheds and Milkshops	47.
Public Slaughterhouse	498.
Stables and Piggeries.	4.
Offensive Trades	10.
Public Conveniences.	23.
Schools and Public Buildings.	20.
Verminous Houses.	15.
Smoke Observation	-
Shops Act	-
Miscellaneous	176.
A.R.P.Mortuaries.	45.
A.R.P.Gas Contaminated Foodstuffs.	74.
Total:-	2439.

The following table shows the number of statutary and informal notices served during the year and the result of such notices

Statute or Byelaw	Notices not complied with at end of 1940	Notices served during 1941. Statutory	Notices served during 1941. Informal	Complied with during 1941.	Notices not complied with at end of 1941
Public Health Act	5	7	110	111	11
Housing Act.	-	-	-	-	-
Factories Act	-	-	8	8	-
Shops Act	-	-	-	-	-
Hereford Corporation Act	-	14	26	40	-
Food & Drugs Act	-	-	11	11	-
Milk & Dairies Order	-	-	6	6	-
City Byelaws	-	-	9	9	-
Totals,	5	21	170	185.	11
		191.			

In addition to the above, 18 reports were made to other departments and 145 complaints were received and investigated during the year.

DEFECTS AND NUISANCES.

DRAINAGE.	
Obstructed drains opened and cleansed	41.
Defective drainage repaired or relaid.	24.
Glazed stoneware gully traps fixed	4.
Houses connected to public sewer	1.
Intercepting and inspection chanbers constructed.	13.
Broken soil pipes repaired.	2.
Ventilating shafts fixed or repaired.	3.
Overflowing cesspools	1.
Rainwater pipes disconnected from sewer	2.
Disconnection traps installed	7.
CLOSETS, PRIVIES AND URINALS.	
Dirty basins of W.Cs.cleansed	11.
W.Cs.repaired or erected.	16.
Insufficient accommodation, extra W.Cs. erected	3.
Factories Act, Additional W.Cs.	11.
Sanitary conveniences. Number ventilated.	1.
Flushing apparatus repaired or new fixed.	24.
Ventilation provided to W.C.	1.
Pail closets converted to W.C.	1
New pail closet provided	2.
DWELLING HOUSES ETC.	
Overcrowding abated.	1.
Verminous houses disinfected	24.
Dilapidated and dirty houses repaired and cleansed	9.
Damp walls remedied.	3.
Roof repaired	12.
Spouting repaired or new provided	7
Chimneys and fireplaces repaired	4.
Floors relaid or repaired.	4.
Doors repaired or new provided	4.
Windows repaired or made to open	4.
Burst water pipes repaired	12.
Food pantries provided	-
Galvanised refuse bins provided	184.
Yards and passages paved or repaired.	1.
Washhouses repaired or erected	2.
Water cistern repaired	2.
SINKS AND WASTE PIPES.	
Waste-pipes repaired or new fixed	4.
Waste-pipes disconnected over gullies.	1.
KEEPING OF ANIMALS AND MANURE.	
Nuisances from poultry and animals abated	4.
Accumulations of manure and refuse removed	13.
MISCELLANEOUS.	
Contraventions of Byelaws in respect to Tents & Vans.	1.
Contraventions of Byelaws re Transport of Food.	2.
Milk & Dairies Order offences.	3.
Bakehouses limewashed after notice.	5.
Food Preparing places cleansed after notice.	11.
Miscellaneous nuisances abated.	8.
Factories Act, Defects to Sanitary Conveniences.	8.

ERADICATION OF BED BUGS.

Twenty Corporation houses and four privately owned houses were disinfested by the use of "Cimex" and "Thermatox" fumigators, spraying insecticide and the use of blow lamps.

The work was done by the Local Authority.

PUBLIC SWIMMING BATHS.

The water is treated by filtration and chlorination. A sample of the water was sent to the Public Analyst weekly whose reports were invariably satisfactory.

SCHOOLS.

All the sanitary conveniences were inspected and apart from a few minor defects (which have been remedied) were found in good condition.

The water supplies and other sanitary fittings were satisfactory.

FACTORIES ACT 1937.

	Inspections.	Written Notices.
Factories with mechanical power.	28.	4
" without " "	11.	1.
Total:	39.	5.

Defects found.

	Found.	Remedied.
Unsuitable closet accommodation.	2	2.
Defective and insanitary W.Cs.	3	3.
Total:	5.	5.

OUTWORK IN UNWHOLESOME PREMISES.	Inspections.	Written Notices.
	27.	Nil.

One verbal notice to cleanse premises complied with.

HOUSING.

Number of new houses erected during the year -
By the Local Authority Nil.
By other bodies or persons 43 houses, 22 Flats.
Seventeen Dwelling Houses have been rendered fit temporarily and licensed for occupation as a war-time measure.

INSPECTION OF DWELLING HOUSES DURING THE YEAR.

1. Total number of dwelling houses inspected for housing defects (under Public Health and Housing Acts) 29
Number of inspections made for the purpose 90
2. Number of dwelling houses (included under sub-head 1) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 -
number of inspections made for the purpose. -
3. Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation -

HOUSING CONTINUED.

4. Number of dwelling houses (exclusive of those referred to under 3) found not to be in all respects reasonably fit for human habitation 29

REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES.

Number of dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers. 27.

ACTION UNDER STATUTORY POWERS DURING THE YEAR.

Proceedings under Sections 9,10 & 16 of the Housing Act 1936.

1. Number of dwelling houses in respect of which notices were served requiring repairs -
2. Number of dwelling houses which were rendered fit after service of formal notices:-
   By owners - -
   By Local Authority in default of owners. -

Proceedings under Public Health Acts.

1. Number of dwelling houses in respect of which notices were served requiring defects to be remedied 2.
2. Number of dwelling houses in which defects were remedied after service of formal notices. 2.
   By owners. 2.

Proceedings under Sections 11 and 13 of the Housing Act 1936.

1. Number of dwelling houses in respect of which Demolition Orders were made. -.
2. Number of dwelling houses demolished in pursuance of Demolition Orders. 7.

Proceedings under Section 12 of the Housing Act 1936.

1. Number of separate tenements or underground rooms in respect of which Closing Orders were made. -
2. Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit. -

In addition to the above,

Number of houses closed on an undertaking of the owner under Section 11 -

Number of houses awaiting demolition under Demolition Orders 24.

Number of houses demolished under Clearance Orders. 13.

Number of houses awaiting demolition under confirmed Clearance Order, 79.

HOUSING ACT 1936, PART IV, OVERCROWDING.

Owing to the present emergency it has been impossible to maintain the records of overcrowding in the City.

CLEARANCE AREAS.

No action has been taken under Section 25, Housing Act 1936 during the year.
5 families comprising 16 persons were rehoused by the City Council from Clearance Areas and houses subject to Demolition Order and undertakings to close.

INSPECTION AND SUPERVISION OF FOOD.

FOOD & DRUGS ACT 1938.
Milk Supplies.

During the year two applications of Registration as Cowkeepers were granted. Routine visits were paid to cowsheds and dairies. Generally, the premises were satisfactory.

Milk (Special Designations) Orders 1936 & 1938.

There are three producers of "Accredited Milk" in the City and three retailers of "Tuberculin Tested" Milk which is produced and bottled in the Hereford Rural District. Samples are taken quarterly from the accredited producers and submitted to the County & City Laboratory for bacteriological examination.

The Milk (National Scheme) Orders.

The supply of milk to expectant mothers and children is governed by the provision of these orders.

Twenty samples of milk were submitted to the Clinical Research Association Ltd., for complete bacteriological examination. The following are the reports:-

No.	No. of bacteria per c.c.	Presence of Bacillus Coli in: 1/100c.c.	1/1000c.c.	1/10000c.c.	Tubercle Bacilli.
16.	5450	-	-	-	-
17.	6250	-	-	-	-
18.	8360	-	-	-	-
19.	158330	-	-	-	-
20	10060	-	-	-	-
21.	141330	+	+	-	-
22.	125330	+	+	-	-
23.	111330	+	+	-	-
24.	96000	+	-	-	-
25.	75660	+	-	-	-
26.	87000	+	-	-	-
27.	24600	-	-	-	-
28.	65330	+	-	-	-
29.	111660	+	-	-	-
30.	132000	+	+	-	-
31.	33000	-	-	-	+
32.	17660	-	-	-	-
33.	55660	+	-	-	-
34.	15330	-	-	-	-
35.	23000	-	-	-	-

In the case of Sample No.31 notice was given to the County Medical officer for action under the Food & Drugs Act 1938.

INSPECTION & SUPERVISION OF FOOD (CONTINUED.

Meat and Other Foods Inspection.

The Public Slaughterhouse is occupied by the Ministry of Food (Meat and Livestock Section) The number of animals slaughtered during the year was as under, all of which were inspected by the City Meat Inspectors. The quantity of meat considered to be unfit for human consumption and disposed of by the Ministry of Food was 78,893 lbs. In addition 2069 lbs. of various foods and 1715 tins of Milk, Fruit etc., were surrendered voluntarily for destruction.

Bovves: 5454. Calves: 1678. Sheep: 38245. Pigs: 5009.

PRECAUTIONS AGAINST CONTAMINATION.

All premises where food is sold, prepared or deposited are inspected regularly and transport vehicles kept under observation.

SLAUGHTER OF ANIMALS ACT 1933.

30 renewals of Slaughtering licences and 3 new licences were granted during the year.

The provisions of the Act are rigidly applied.

FOOD POISONING.

No case of suspected Food Poisoning was reported.

FOOD & DRUGS ACT 1938.

Sampling Officer's Report.

Article	No. Submitted.		No. Genuine.		No. Adulterated	
	Formal.	Informal.	Formal.	Informal.	Formal.	Informal
Milk.	33	8	29	6	4	2
Milk Powder.	1	-	-	-	1	-
Sugar Substitute	-	1	-	1	-	-
Faggots.	-	1	-	1	-	-
Pepper.	-	1	-	1	-	-
Oxtail Soup	-	1	-	1	-	-
Cocoa	-	1	-	1	-	-
Fish Cakes.	-	1	-	1	-	-
Pork Sausages.	-	1	-	1	-	-
Beef "	1	1	-	-	1	1
Mustard (Powder)	-	1	-	1	-	-
Ice Cream	-	1	-	1	-	-
Bacon	-	1	-	1	-	-
Cheese Powder	1	-	-	-	1	-

- continued -

Sampling Officer's Report (continued)

Article.	No. Submitted. Formal.	No. Submitted. Informal.	No. Genuine. Formal.	No. Genuine. Informal.	No. Adulterated. Formal.	No. Adulterated. Informal.
Meat Roll	1	-	1	-	-	-
Sage & Onion Stuffing.	-	1	-	-	-	1
Saccharin Tablets	-	1	-	1	-	-
Aspirin	-	1	-	1	-	-
Castor Oil	-	1	-	1	-	-
Turkey & Tongue Paste.	-	1	-	1	-	-
Custard Powder	-	1	-	1	-	-
Oatmeal.	-	1	-	1	-	-
Pickles in Malt Vinegar	-	1	-	1	-	-
	37	27	30	23	7	4
	64		53		11	

OBSERVATIONS.

MILK.

All the samples were free from preservatives and artificial colouring matters.

Two of the informal samples were adulterated, one contained 16% of extraneous water and the other was deficient in Milk Fat of 43%. Formal samples taken from the same retailers were genuine.

Four formal samples were found to be adulterated and legal proceedings were taken by the Corporation with the following results:-

Sample No. 82:- Vendor fined £5.
" " 84:- Case proved but dismissed on payment of 4/- costs.
" " 87:- Vendor fined £5.
" " 88:- Vendor fined £5.

The average composition of the genuine samples was:-

Solids not fat (8.5%):- 8.78%
Fat (3.0%):- 3.79%

The legal standard is shown is parenthesis.

- continued -

FOOD & DRUGS ACT 1938. (continued)

BEEF SAUSAGES. Samples Nos.45 and 47.

One informal and one formal sample contained preservative (Sulphur Dioxide) within the limits prescribed by the Public Health (Preservatives etc. in Food) Regulations. At the time of sale, no indication that the sausages contained preservative was given, thus a technical offence was committed, for which the vendor was cautioned.

CHEES POWDER. Sample No.61.

The formal sample was adulterated in so far that it had a deficiency in fat of 16%. Owing to the cheese powder being labelled "Parmesan Flavour", the Public Analyst did not advise any action.

SAGE & ONION STUFFING. Sample No.63.

This informal sample was found to contain Onion but no Sage. It was not considered advisable to take action for such a minor offence.

MILK POWDER. Sample No.64.

This formal sample after analysis was shown to consist mainly of wheat flour and salt with little or no milk content.

At the Court proceedings, the vendor was dismissed from the case.

A summons was then issued against the vendor's suppliers, for giving a false warrant and they were subsequently fined £20 and costs.

Percentage Adulteration of all samples analysed:- 17.187.

FOOD CONTROL - Enforcement.

The Sanitary Inspectors act as part-time Enforcement Inspectors to the Hereford City & Rural Joint Food Control Committee. The work dovetails with inspection of food premises generally.

Offences were reported to the Food Executive Officer.

PREVALENCE AND CONTROL OVER INFECTIOUS & OTHER DISEASES.

DIPHTHERIA IMMUNISATION.

The scheme for immunisation of children up to the age 14 against Diphtheria was commenced on 30th January 1940. During the year 1941, 1,412 children (745 boys and 667 girls) were completely immunised, and 28 children (17 boys and 11 girls) partly immunised at 33 sessions.

There were no cases of Diphtheria in immunised children during the year.

PATHOLOGICAL EXAMINATIONS.

	Positive.	Negative.	Total.
Nose and throat swabs for Diphtheria Bacilli (K.L.B.)	301	1,184	1,485.
Nose and throat swabs for Haemolytic Streptococci	4	19	23.
Sputum and swabs for Meningococci	-	13	13.
For Enteric Fevers. Blood:-	4	12	16.
Faeces:-	5	6	11.
Urine:-	1	10	11.
Sputa for Tubercle Bacilli:-	27	147.	174.
Swabs for Vincent's Organism:-	-	4	4.
Cooked Mince Meat for Typhoid Organisms:-	-	1	1.
Calf meat for B.Chandoci	1	-	1.
Milk for Puthogenic	-	1	1.
Contaminated Meat	-	1	1.
TOTALS:-	343.	1,398.	1,741.
Specimens sent to Birmingham University for K.L.B.(Virulence Test)	5	17.	22.

DISINFECTION.

The following are particulars of disinfection of rooms and bedding after infectious or other disease:-

	Room.	Bedding.
Scarlet Fever	28	27.
Diphtheria	95	95
Tuberculosis	7	8
Cerebro Spinal Fever	4	4
Typhoid	1	1
Cancer	4	3
Non-notifiable disease	-	2
Tetanus	1	1
Ophthalmia Neonatorum	1	1
	141.	142.

In addition, 11 Hospital Wards, 2 Schools, 4 lots of Hospital Bedding and a quantity of School Books were disinfected.
2 Lots of Bedding, 1 Mattress, 42 Public Library Books and 25 Private Circulating Library Books were destroyed.
Disinfecting Fluid has been supplied in small quantities to private houses and to Elementary Schools when necessary.

The following table shows the incidence of infectious disease in the three wards of the City:-

	Ledbury.	Leominster.	Monmouth.
Scarlet Fever.	17	14	6.
Diphtheria	17	64	53.
Typhoid.	2	-	-
Cerebro Spinal Fever	4	2	10.
Pneumonia	7	14	6.
Erysipelas	3	-	-
Puerperal Pyrexia.	4	2	2
Measles.	92	139	118.
Whooping Cough.	22	34	6.
Gas Gangrene	-	-	1.
Polio-encephalitis	1	-	-
Ophthalmia Neonatorum	1	1	3

TUBERCULOSIS.

No action was necessary during the year under the Public Health (Prevention of Tuberculosis) Regulations, 1925 (relating to persons suffering from Pulmonary Tuberculosis employed in the Milk Trade), or under Section 172 of the Public Health Act 1936 (relating to the compulsory removal to Hospital of persons suffering from Tuberculosis)

PREVENTION OF BLINDNESS.

No action has been taken under Section 176 of the Public Health Act 1936.

NEW CASES AND MORTALITY DURING 1941.

AGE PERIODS.	New Cases.				Deaths.			
	Respiratory.		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
Under 1 year	-	-	-	-	-	-	-	-
1-5 years	-	-	1	-	-	-	-	-
5-15 years	1	1	-	1	-	-	-	-
15-25 years	6	3	1	4	2	2	-	-
25-35 years	5	5	3	-	-	-	-	-
35-45 years	3	1	-	1	-	-	-	-
45-55 years.	3	2	-	-	2	-	-	-
55-65 years.	1	2	1	-	3	2	1	-
65 and upwards	1	-	-	-	2	1	-	-
	20	14	6	6	9	5	1	-

PREVALENCE & CONTROL OVER INFECTIOUS AND OTHER DISEASES.
(continued)

OPHTHALMIA NEONATORUM.

Cases Notified.	Treated At Home.	Treated In Hospital.	Vision Unimpaired.	Vision Impaired	Total Blindness.	Deaths.
5	2	3	-	-	-	-

NOTIFIABLE DISEASE (OTHER THAN TUBERCULOSIS) DURING 1941.

TOTAL CASES NOTIFIED.

	Under 1 year	1 - 2 years	2 - 3 years	3 - 4 years	4 - 5 years	5 -10 years	10-15 years	15-20 years	20-35 years	35-45 years	45-65 years	65 and over	TOTAL.
Scarlet Fever.					5	19	3	3	5	2			37.
Diphtheria.		3	2	7	6	65	19	7	19	4	2		134.
Cerebro Spinal Fever.			1	1			4	1	5	2	2		16.
Typhoid.									2				2.
Pneumonia.			1	2	1	1	2	1	3	5	6	5	27.
Erysipelas							1			1	1		3.
Puerperal Pyrexia.								1	7				8.
Measles.	10	22	30	34	43	153	25	10	14	6	2		349.
Whooping Cough.	7	6	9	8	7	22	1	1			1		62.
Polio Myelitis.									1				1
Ophthalmia Neonatorum.	5												5

CASES ADMITTED TO HOSPITAL.

	Under 1 year.	1 - 2 years.	2 - 3 years.	3 - 4 years.	4 - 5 years.	5 - 10 years.	10-15 years.	15-20 years.	20-35 years.	35-45 years.	45-65 years.	65 and over.	TOTAL.
Scarlet Fever					2	13	1	3	5	2			27.
Diphtheria.		4	2	8	7	39	17	7	13	3			120
Cerebro Spinal Fever.	1			1			1	1	5		1		10
Typhoid.									2				2
Pneumonia.													
Erysipelas													
Puerperal Pyrexia.													
Measles.													
Whooping Cough.													
Polio Myelitis.													

CASES OF SCABIES ADMITTED TO FOLLY HOUSE EMERGENCY HOSPITAL.

	Female.	Male.
Adults:-	1	-
Children:-	32	
TOTAL:-	33.	

TOTAL DEATHS.

	Under 1 yr.	1 - 2 yrs.	2 - 3 yrs.	3 - 4 yrs.	4 - 5 yrs.	5 - 10 yrs.	10-15 yrs.	15-20 yrs.	20-35 yrs.	35-45 yrs.	45-65 yrs.	65 & over.	TOTAL.
Scarlet Fever.													NIL
Diphtheria.				1		1							2.
Cerebro Spinal Fever.								1	2	1			4.
Typhoid.											1		1.
Pneumonia.													
Erysipelas													-
Puerperal Pyrexia.													-
Ophthalmia Neonatorum.													
Measles.		3	1										4.
Whooping Cough.	2												2.
Polio Myelitis.													-

DEATHS FROM ALL CAUSES.

1941.

Cause of Death.	0 1	1 2	2 3	3 4	4 5	5 10	10 15	15 20	20 25	25 35	35 45	45 55
1. Typhoid.												1
2. Cerebro Spinal Fever.								1	2		1	
3. Scarlet Fever.												
4. Whooping Cough.	2											
5. Diphtheria.				1		5	1					
6. Tuberculosis (Pulmonary)								1	2	4		2
7. Other forms of Tuberculosis.												
8. Syphilitic Disease.												
9. Influenza.	1										1	1
10. Measles.		3	1									
11. Acute Polio Myelitis.												
12. Encephalitis.												
13. Cancer of Uterus											1	2
14. " " Stomach.												2
15. " " Breast.											4	3
16. " " All other sites.										1	10	13
17. Diabetes.											1	1
18. Intra Cranial.										1	10	10
19. Heart Diseases.	1								3	4	1	23
20. Other Diseases of the Circulatory System.												3
21. Bronchitis.	2											3
22. Pneumonia.	7	2				1	3			1	3	
23. Other Respiratory Diseases.										2	2	1
24. Duodenal Ulcer.											1	1
25. Diarrhoea under 2 years.	3											
26. Appendicitis.												
27. Other Digestive Diseases.											1	2
28. Nephritis.									1		1	1
29. Puerperal sepsis.												
30. Other maternal causes.										1	1	
31. Premature Birth.	7											
32. Congenital Malformation.	16											
33. Suicide.										1	1	
34. Road Traffic Accidents.									1	1		2
35. Other Violent Causes.											1	1
36. All Other Causes.			1			1	1	2		2	1	3
	39	5	2	1	-	7	5	4	8	18	41	75

55 65	65 75	75 85	85 & over	Males	Females	Total	Ledbury	Leominster	Monmouth
							WARDS.		
				1	-	1		1	
				1	2	3	1	1	1
				-	-	-	-	-	-
				1	1	2		2	
				4	3	7	1	3	3
3	1	1		9	5	14	4	5	5
1				1	-	1			1
				-	-	-			
1	1	1	1	1	6	7	3	1	3
				1	3	4		2	2
				-	-	-			
				-	-	-			
1	3	1		5	3	8	2	3	3
2	2			3	3	6	1	2	3
2	1				10	10	3	3	4
5	11			20	20	40	11	15	14
1				1	2	3		2	1
15	4	2	3	14	31	45	16	10	18
31	26	5		51	43	94	25	36	33
4	1	1	1	8	2	10	3	3	4
5	5	3	2	9	11	20	6	5	9
6	10	1		19	15	34	10	9	15
1				4	2	6	2	1	3
1				3	-	3		1	2
				2	1	3		1	2
				-	-	-			
4	1	4	1	5	8	13	3	6	4
2	4	5	1	10	5	15	4	4	7
				-	-	-	-	-	-
					2	2		1	1
				4	3	7	2	3	2
				9	7	16	3	5	8
				1	1	2	1	1	1
	1								
				3	1	4	1	1	2
1									
5		1	2	6	4	10	5	2	3
2	6		10	17	20	37	10	15	12.
95	76	25	27	213	215	428	122	144	166.

REPORT OF THE

SCHOOL MEDICAL OFFICER

FOR 1941.

EDUCATION COMMITTEE.

The Mayor, Councillor H.P.Barnsley - Chairman.

Councillor Crees (Deputy Chairman)
Councillor Mrs.Bentley-Taylor.
" Green.
Councillor Higginbotham.
" Hodges.
" James.
" Lewis Smith.

Co-opted Members: The Very Rev.The Dean,
The Rev. A.P.Smith,
Mrs. D.W.Harris.

CARE COMMITTEE.

The Mayor, Councillor H.P. Barnsley.

Councillor Mrs.Bentley-Taylor
" Green.
" Higginbotham
" Hodges.
" Rey.
" A.P.Smith.
Mrs. Ainslie.
Mrs. W.G.C.Britten.
Mrs. J.H.E.Crees.
Mrs. D.W. Harris.
Mrs. H.R.Mines.
Mrs. Lewis Smith.
Miss M. Bull.

A.P.Whitehad, M.C., B.A., Director of Education.

SCHOOL MEDICAL DEPARTMENT.

School Medical Officer: Dr.E.Dunbar Townroe,M.R.C.S.,L.R.C.P. D.P.H.
School Dental Officer: Quinton Miller, L.D.S., R.C.S.(Eng).
Eye Surgeon: H.W.Barnes, M.R.C.S., L.R.C.P.
School Nurses: Miss M.M.Scourfield, S.R.N., C.M.B.
Miss E.M.Tarbutt, S.R.N., Cert. R.S.I. and C.M.B.
Miss E.M.Norman, S.R.N., C.M.B., Cert R.S.I.
Mrs. M.E.Eaton, S.R.N.
School Attendance Officer: G.W.Herbert.
Record Clerk: Miss D. Burn.

ANNUAL REPORT FOR THE YEAR 1941.

1. STAFF.

There have been no changes in the staff during the year.

2. CO-ORDINATION.

There is complete co-ordination between the School Medical Service and the Public Health Service as the majority of the offices concerned have duties in both departments.

3. MEDICAL INSPECTION.

During 1941, the number of children submitted to Routine Medical Inspection was:-

	Entrants.	Intermediates.	Leavers.	TOTAL.
Boys and Girls.	373	371	362	1106.

The figures for 1940 were: Entrants 386, Intermediates 372, Leavers 331. Total: 1089.
In addition, 15 other children were inspected as routine cases. There were 1469 special inspections and re-inspections.

4. FINDINGS OF MEDICAL INSPECTION.

Nutrition. There was no evidence of deterioration in the nourishment of the Hereford children inspected during the year.

Cleanliness. The following table shows the results of the first examination during the year of the children's heads:

SCHOOL.	BAD.		MODERATE.		SLIGHT.	
	Boys.	Girls.	Boys.	Girls.	Boys.	Girls.
All Saints (Infants)	Nil	9.7	.9	.8	10	14.3
Blue Coat (Girls)	Nil	8.3	Nil	3	Nil	13
Holmer (Mixed)	Nil	3	Nil	2	Nil	9
Holmer (Infants)	3	6	Nil	Nil	Nil	5.7
Roman Catholic (Mixed)	Nil	4.8	Nil	21.	4.	29.
Scudamore (Boys)	Nil	Nil	Nil	Nil	Nil	Nil
Scudamore (Girls)	Nil	4.3	Nil	4.8	Nil	13
Scudamore (Junior)	Nil	2.7.	Nil	3.8	6.	21
St. James (Infants)	Nil	3.6	Nil	Nil	Nil	3.5
St. Martin's (Infants)	8.5	16.8	9	18.	8.	31.
St. Owen's (Boys)	1.9	Nil	Nil	Nil	2.6	Nil
St. Peter's (Girls)	Nil	7.4	Nil	9.	Nil	10.6
Tupsley (Mixed)	Nil	2.	Nil	1.8	Nil	7.

Clothing and Footgear. This is generally satisfactory.

Following Up. There has been no change in the arrangements. During the year, 1547 visits were paid to the homes of the children by the school nurses.

Of 1106 children presented for Routine Medical Inspection, 745 were unvaccinated against smallpox.

Provision of Meals etc.

A supply of milk is available at the schools and only milk of Accredited standard is approved by the School Medical Officer.

Co-operation with Parents.

Close co-operation continues to be maintained with the teachers and all others interested in the welfare of the children and I wish to thank all those who have given valuable assistance in the work of the department.

Payments by Parents.

There has been no change in this during the year.

Miscellaneous Matters.

During the year, 50 applications were made for Medical Certificates to allow children to be employed before school hours. 48 Certificates were granted.

Confidential Health Reports on 169 boys and 178 girls about to leave school were furnished to the Juvenile Employment Bureau.

MEDICAL INSPECTIONS OF CHILDREN ATTENDING PUBLIC ELEMENTARY SCHOOLS.

A. Routine Medical Inspections - Number of Inspections in the Prescribed Groups.

Entrants:	373.
Second Age Group:	371.
Third Age Group:	362.
TOTAL:	1106.
Number of other Routine Inspections:	15.
GRAND TOTAL:	1121.

B. Other Inspections - Number of Special Inspections and Re-Inspections: 1469.

CLASSIFICATION OF THE NUTRITION OF CHILDREN INSPECTED DURING THE YEAR IN THE ROUTINE AGE GROUPS UP TO 31st DECEMBER, 1941.

Age Groups	Number of Children Inspected	A Excellent	B Normal.	C Slightly sub-normal.	D Bad.
Entrants	373	-	369	4	-
Second Age Group	371	-	362	9	1
Third Age Group	362	-	358	4	-
Other Routine Inspections.	15	-	13	2	-
TOTAL	1121	-	1102	19	1

TREATMENT TABLES.

Minor Ailments (excluding Uncleanliness)

Disease or Defect.	Number of Defects treated, or under Treatment during the year.		
	Under the Authority's Scheme.	Otherwise.	Total.
SKIN.			
Ringworm of Scalp.	14	-	14
Ringworm of Body.	19	-	19
Scabies.	68	-	68.
Impetigo .	114	-	114.
Other Skin Diseases.	324.	-	324.
MINOR EYE DEFECTS (External and other)	72	4	76.
MINOR EAR DEFECTS.	36	1	37
MISCELLANEOUS (Minor injuries, bruises sores, chilblains, etc.)	1263.	38	1301.
TOTAL.	1809.	43.	1852.

Defective Vision and Squint (excluding Minor Eye Defects treated as Minor Ailments)

Disease or Defect.	No. of Defects dealt with. Under the Authority's Scheme.	Otherwise.	TOTAL.
Errors of Refraction including squint.)	116	-	116
Other defect or disease of the eyes (excluding those recorded in Minor Ailments)	-	-	-
TOTAL.	116	-	116
No. of children for whom spectacles were -			
a. Prescribed.	112	-	112
b. Obtained.	110	-	110

Treatment of Defective Nose and Throat.

Disease or Defect.	No. of Defects under the Authority's Scheme.	Otherwise.	TOTAL.
Tonsils and Adenoids.	111	-	111

Dental Inspection and Treatment.

1. Number of children inspected by the Dentist:-

(a) Routine Age Groups:	Age.	Number.
	5	206.
	6	359.
	7	427
	8	452.
	9	328.
	10	407.
	11	448.
	12	357.
	13.	348.
	14.	289
	TOTAL:	3711.
(b) Specials:		75.
(c) Total:		3786.

2. Number found to require treatment: 1296.
3. Number actually treated: 673.
4. Attendance made by children for treatment: 1525.
5. Half-days devoted to:
   - Inspection: 18
   - Treatment: 173. TOTAL: 191
6. Fillings -
   - Permanent Teeth 1068
   - Temporary Teeth 79 TOTAL: 1147.
7. Extractions -
   - Permanent Teeth 329
   - Temporary Teeth 291 TOTAL: 620.
8. Administrations of general anaesthetics for extractions: 2.
9. Other Operations -
   - Permanent Teeth 49
   - Temporary Teeth 14 TOTAL: 63.

Uncleanliness and Verminous Conditions.

Average number of visits per school made during the year by the School Nurses:	5.
Total number of examinations of children in the Schools by School Nurses.	9541.
Number of individual children found unclean:	268.
Number of individual children cleansed under Section 87, 2 & 3 of the Education Act, 1921.	Nil.
Number of cases in which legal proceedings were taken. A. Under Education Act 1921	Nil.
b. Under School Attendance Byelaws.	Nil.